

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	41	metal adj oxide and (oxygen with nitrogen with ratio with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:19
L2	0	1 and Group adj V	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:31
L3	1	1 and Group adj "III"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:31
L4	1	metal adj oxide with (oxygen with nitrogen with ratio with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:33
L5	41	metal adj oxide and (oxygen with nitrogen with ratio with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:34
L6	6	metal adj oxide and (oxygen with nitrogen with ratio with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:49
L7	4	metal adj oxide and (oxygen with nitrogen with ratio with atmosphere with ("1:4" or "2: 3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:51
L8	4	metal adj oxide and (oxygen with nitrogen with ratio with atmosphere with ("1:4" or "2:3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:51

L9	3	metal adj oxide and (oxygen with nitrogen with ratio with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:53
L10	3	("20020090777" "6184072" "6246076"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/28 20:54
L11	3	metal adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:55
L12	4	metal adj oxide and (oxygen with nitrogen with atmosphere with ("1:4" or "2:3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:56
L13	7	metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:56
L14	8970	(aluminum adj oxide with (nitrogen or phosphorus or "N" or "P"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L15	4871	L14 and nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L16	211	L15 and oxygen with nitrogen with ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L17	118	L16 and ("CVD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59

L18	112	L17 and nitrogen with aluminum adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L19	112	L17 and (nitrogen with aluminum adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L20	9	L19 and ((nitrogen with aluminum adj oxide) same (oxygen with nitrogen with ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L21	3	("20020090777" "6184072" "6246076"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 20:59
L22	1	L21 and (nitrogen with aluminum adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L23	21	L19 and (nitrogen with aluminum adj oxide) and high with dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L24	74	L17 and (nitrogen with aluminum adj oxide) and dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L25	13	L17 and (nitrogen with aluminum adj oxide) same "CVD"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59

L26	22	("20010035526" "20020098628" "20020134981" "20030141505" "20030141521" "20030181043" "20030183854" "20030183875" "20030186490" "20030209710" "20030218169" "20030218171" "20030218177" "20030219935" "20030230749" "20030230750" "20040016958" "20040016967" "4330363" "5854803" "6410368" "6583440"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 20:59
L27	4	"6184072" and nitrogen with aluminum adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L28	67	"6184072"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L29	49	L28 and aluminum adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L30	4	L28 and aluminum adj oxide with nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L31	1154	aluminum adj oxide and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59

L32	16	"4837123"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L33	3	"6680130"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L34	3	("20020090777" "6184072" "6246076"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 20:59
L35	0	L34 and aluminum adj oxide and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L36	62	("6184072").URPN.	USPAT	OR	OFF	2008/07/28 20:59
L37	1	L36 and aluminum adj oxide and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L38	1	L36 and aluminum adj oxide and (oxygen with nitrogen with ratio with 24:6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L39	10	aluminum adj oxide and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 3:2 or 18:12))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L40	11	aluminum adj oxide and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59

L41	11	aluminum adj oxide and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12 or "1:0.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L42	0	aluminum adj oxide and (oxygen with nitrogen with ratio with ("1.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L43	0	aluminum adj oxide and (oxygen with nitrogen with ratio with (L34))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L44	2100	aluminum adj oxide and (oxygen with nitrogen with atmosphere)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L45	51	aluminum adj oxide and (oxygen with nitrogen with atmosphere with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L46	4	aluminum adj oxide same (oxygen with nitrogen with atmosphere with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L47	3	aluminum adj oxynitride same (oxygen with nitrogen with atmosphere with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59

L48	18	((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride)) and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12 or "1:0.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L49	1373	428/689.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L50	12103	428/689-701.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L51	53	L50 and ((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride)) and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L52	7	L50 and ((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride)) same (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L53	18	((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride))and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12 or "1:0.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59

L54	267136	oxygen with nitrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L55	664	oxygen with nitrogen with ratio with atmosphere	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L56	51	L55 and aluminum adj oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L57	13	L55 and aluminum adj oxide with nitrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L58	10	"6458512"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L59	284254	L14 L15 L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L48 L49 L50 L51 L52 L53 L54 L55 L56 L57 L58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 20:59
L60	0	49 and metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:01
L61	0	50 and metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:01

L62	466	438/783.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:01
L63	1711	438/240.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:01
L64	1535	438/287.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:02
L65	1385	257/310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:02
L66	1107	257/411.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:02
L67	0	62 and metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:02
L68	0	63 and metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:02
L69	0	64 and metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:02
L70	1	65 and metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:03

L71	0	66 and metal adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:03
L72	0	66 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:04
L73	0	65 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:04
L74	0	64 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:04
L75	0	63 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:04
L76	0	62 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:04
L77	0	49 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:05
L78	0	50 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("4:1" or "3:2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:05
L79	1	49 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:05

L80	2	50 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:05
L81	1	62 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:06
L82	1	63 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:06
L83	1	64 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:06
L84	1	65 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:06
L85	1	66 and aluminum adj oxide and (oxygen with nitrogen with atmosphere with ("24:6" or "18:12"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 21:06
S1	2700	(STI or (shallow adj trench)) and ((threshold adj voltage) or "T.sub. v") and widths	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 11:48
S2	272	(STI or (shallow adj trench)) and ((threshold adj voltage) or "T.sub. v") and widths with (different or var\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 18:53
S3	272	(STI or (shallow adj trench)) and ((threshold adj voltage) or "T.sub. v") and (widths with (different or var\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 18:53

S4	263	S3 and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 18:53
S5	255	S4 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 18:54
S6	177	S5 and ((active area or channel) with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 19:15
S7	2	"6674134"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 19:02
S8	272	(STI or (shallow adj trench)) and ((threshold adj voltage) or "T.sub. v") and (widths with (different or var\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 19:15
S9	263	S8 and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 19:15
S10	255	S9 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 19:15
S11	177	S10 and ((active area or channel) with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 19:15
S12	30	S11 and (volt same ("T. sub.v" or threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/12 19:16

S13	26	("4474624" "4593459" "4633290" "4651406" "4746963" "4752589" "4830975" "5011788" "5057449" "5141888" "5200348" "5254489" "5306940" "5319235" "5455438" "5457339" "5468677" "5567645" "5578860" "5691217" "5696459" "5726093" "5728622" "6009023" "6080682" "6353253").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/12 19:18
S14	12	S13 and threshold adj voltage	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/12 19:19
S15	1	S14 and STI	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/12 19:29
S16	56	("20010012664" "20020020106" "20040188777" "20040214355" "4987093" "5111069" "5130268" "5410176" "5422507" "5447884" "5498565" "5665202" "5691215" "5702976" "5717635" "5721172" "5721173" "5728621" "5732014" "5817567" "5821591" "5851899" "5851900" "5866934" "5869396" "5872043" "5880007" "5897351" "5923993" "5950091" "6001740" "6048771" "6048775" "6057207" "6057210" "6071792" "6124183" "6133098" "6159822" "6180458" "6191446" "6228713" "6261914" "6278295" "6281082" "6329251" "6426534" "6436751" "6492693" "6501114" "6545904" "6620704" "6649461" "6734487" "6770927" "6834019").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/12 19:29

S17	29	S16 and STI	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/12 19:29
S18	10	S17 and (threshold adj voltage)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/12 19:29
S19	56	("20010012664" "20020020106" "20040188777" "20040214355" "4987093" "5111069" "5130268" "5410176" "5422507" "5447884" "5498565" "5665202" "5691215" "5702976" "5717635" "5721172" "5721173" "5728621" "5732014" "5817567" "5821591" "5851899" "5851900" "5866934" "5869396" "5872043" "5880007" "5897351" "5923993" "5950091" "6001740" "6048771" "6048775" "6057207" "6057210" "6071792" "6124183" "6133098" "6159822" "6180458" "6191446" "6228713" "6261914" "6278295" "6281082" "6329251" "6426534" "6436751" "6492693" "6501114" "6545904" "6620704" "6649461" "6734487" "6770927" "6834019"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:25
S20	29	S19 and STI	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:26
S21	10	S20 and threshold adj voltage	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:36
S22	0	reverse adj narrow adj width adj effect and threshold adj voltage and STI	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:36
S23	0	narrow adj width adj effect and threshold adj voltage and STI	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:36

S24	0	narrow adj width and threshold adj voltage and STI	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:37
S25	1791	width and threshold adj voltage and STI	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:37
S26	385	S25 and active adj area	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:37
S27	75	S25 and active adj area with width	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:43
S28	267	257/305.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:43
S29	1013	257/408.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:43
S30	2632	257/296.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:43
S32	853	257/303.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:44
S33	1244	257/301.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:44
S34	1369	257/368.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:44
S35	481	257/392.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:44
S36	388	257/391.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:44
S37	1597	438/424.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:44

S38	905	438/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:45
S39	769	438/296.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:45
S40	19089	S28 and STI or shallow adj trench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:19
S41	85	S28 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:45
S42	150	S29 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S43	455	S30 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:45
S44	0	S31 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:45
S45	129	S32 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:45
S46	337	S33 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:45

S47	153	S34 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:46
S48	53	S35 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:46
S49	54	S36 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:46
S50	1068	S37 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:46
S51	129	S38 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:46
S52	524	S39 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:46
S53	17	S41 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S54	38	S42 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S55	63	S43 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47

S56	0	S44 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S57	15	S45 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S58	45	S46 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S59	37	S47 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S60	15	S48 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S61	13	S49 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S62	184	S50 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S63	34	S51 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47
S64	116	S52 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:47

S65	8	S53 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:48
S66	20	S54 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:48
S67	33	S55 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:48
S68	0	S56 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:48
S69	9	S57 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:49
S70	23	S58 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S71	20	S59 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:49
S72	13	S60 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:49
S73	9	S61 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:49

S74	98	S62 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:57
S75	26	S63 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:52
S76	73	S64 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:49
S77	4	("5989949" "6043128" "6090652" "6228697").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 08:53
S78	1	S65 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:58
S79	1	S66 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:58
S80	1	S67 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:58
S81	0	S68 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:21
S82	0	S69 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:58

S83	0	S70 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:58
S84	1	S71 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:58
S85	2	S72 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:59
S86	2	S73 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:19
S87	9	S74 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 08:59
S88	244	257/396.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:19
S89	212	257/397.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:19
S90	19085	S88 and STI or shallow adj trench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:19
S91	53	S88 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20

S92	51	S89 and (STI or (shallow adj trench))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S93	124405	1and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S94	19	S91 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S95	18	S92 and (width with (active or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S96	10	S94 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:20
S97	13	S95 and ((threshold adj voltage) or "T.sub.v")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:21
S98	1	S96 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:21
S99	1	S97 and (active with micron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 09:21
S100	33	molten adj silicon and contact adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:27

S101	33	S100 and crystal\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:23
S102	17	S101 and silicon adj nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:24
S103	1	S102 and laser with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:24
S104	7	S101 and wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:25
S105	2	S101 and wave same laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:24
S106	2	S104 and silicon adj nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:25
S107	10	S100 and (laser or wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:27
S108	641	registration adj mark and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:00
S109	96	S108 and wiring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:01

S110	64	S109 and mount\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:12
S111	46	"5381039"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:12
S112	3	S111 and registration adj mark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:12
S113	37	S110 and connect\$4 and wire adj bonding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:13
S114	38	S110 and connect\$4 and wire adj bond\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:13
S115	31	S114 and (("Ni" or nickel) and ("Au" or gold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:17
S116	13	S115 and (external with connect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:15
S117	9	("3319317" "3953566" "3999004" "4482516" "4705762" "4985296" "5316803" "5593606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/14 09:26
S118	6973	(aluminum adj oxide with (nitrogen or phosphorus or "N" or "P"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:32

S119	3688	S118 and nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:32
S120	138	S119 and oxygen with nitrogen with ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:33
S121	62	S120 and ("CVD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:33
S122	56	S121 and nitrogen with aluminum adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 16:04
S123	56	S121 and (nitrogen with aluminum adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:39
S124	4	S123 and ((nitrogen with aluminum adj oxide) same (oxygen with nitrogen with ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:34
S125	3	("20020090777" "6184072" "6246076"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/27 15:37
S126	1	S125 and (nitrogen with aluminum adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:38
S127	5	S123 and (nitrogen with aluminum adj oxide) and high with dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:38

S128	33	S121 and (nitrogen with aluminum adj oxide) and dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 16:03
S129	5	S121 and (nitrogen with aluminum adj oxide) same "CVD"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 15:41
S130	22	("20010035526" "20020098628" "20020134981" "20030141505" "20030141521" "20030181043" "20030183854" "20030183875" "20030186490" "20030209710" "20030218169" "20030218171" "20030218177" "20030219935" "20030230749" "20030230750" "20040016958" "20040016967" "4330363" "5854803" "6410368" "6583440"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/27 15:41
S131	4	"6184072" and nitrogen with aluminum adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 16:04
S132	29	"6184072"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 16:04
S133	20	S132 and aluminum adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 16:04

S134	4	S132 and aluminum adj oxide with nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/27 16:04
S135	1006	aluminum adj oxide and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:04
S136	16	"4837123"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 11:52
S137	4	"6680130"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:03
S138	3	("20020090777" "6184072" "6246076").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/03 12:03
S139	0	S138 and aluminum adj oxide and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:04
S140	43	("6184072").URPN.	USPAT	OR	OFF	2007/02/03 12:04
S141	1	S140 and aluminum adj oxide and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:05
S142	1	S140 and aluminum adj oxide and (oxygen with nitrogen with ratio with 24:6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:06
S143	8	aluminum adj oxide and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 3:2 or 18:12))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:07

S144	8	aluminum adj oxide and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:11
S145	8	aluminum adj oxide and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12 or "1:0.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:14
S146	0	aluminum adj oxide and (oxygen with nitrogen with ratio with ("1.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:12
S147	0	aluminum adj oxide and (oxygen with nitrogen with ratio with (S138))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:12
S148	1682	aluminum adj oxide and (oxygen with nitrogen with atmosphere)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:13
S149	46	aluminum adj oxide and (oxygen with nitrogen with atmosphere with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:13
S150	4	aluminum adj oxide same (oxygen with nitrogen with atmosphere with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:26
S151	1	aluminum adj oxynitride same (oxygen with nitrogen with atmosphere with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:14

S153	15	((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride)) and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12 or "1:0.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:26
S154	1271	428/689.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:26
S155	10741	428/689-701.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:26
S156	50	S155 and ((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride)) and (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:30
S157	7	S155 and ((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride)) same (oxygen with nitrogen with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 12:30
S158	15	((aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3") or (aluminum adj oxynitride))and (oxygen with nitrogen with ratio with (24:6 or 4:1 or 20:5 or 8:2 or 12:3 or 16:4 or 28:7 or 32:8 or 3:2 or 6:4 or 9:6 or 12:8 or 15:10 or 18:12 or "1:0.66"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:26

S159	249048	oxygen with nitrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 15:59
S160	633	oxygen with nitrogen with ratio with atmosphere	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 16:00
S161	47	S160 and aluminum adj oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 16:17
S162	13	S160 and aluminum adj oxide with nitrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 16:01
S163	10	"6458512"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 16:17

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